

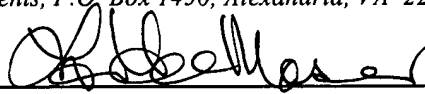


A-68918/ENB  
468880-7

**CERTIFICATE OF MAIL (37 CFR 1.8(a))**

*I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: August 9, 2004.*

by:

  
Laura Lee Mosier

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*In re* application of:

JOHN H. HEANUE *et al.*

Application No. 09/491,429

Filed: January 26, 2000

For: **WIDELY TUNABLE LASER**

Art Unit: 2828

Examiner: Rodriguez, Armando

Date: August 9, 2004

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.


Applicant submits herewith patents and publications which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. While this Statement may be "material" pursuant to 37 C.F.R. §1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such. A listing of patents and publications is shown on enclosed PTO Form 08A and a copy of each patent and publication is also enclosed.

This information disclosure statement is being filed in compliance with 37 CFR 1.97(c)(1) and we state that no item of information contained in the Information Disclosure

Statement submitted herewith, was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Respectfully submitted,

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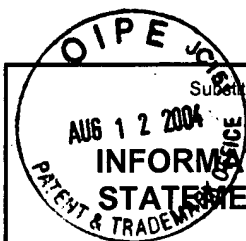
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Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
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				First Named Inventor	John F. HEANUE
				Art Unit	2828
				Examiner Name	Rodriguez, Armando
Sheet	1	of	5	Attorney Docket Number	A-68918/ENB (468880-00007)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,460,977	07-14-1984	Shimada et al.	
	A2	4,504,950	03-13-1985	AuYeung	
	A3	4,560,246	12-24-1985	Cotter	
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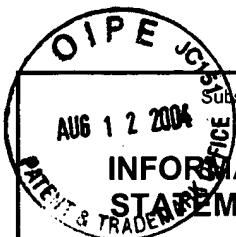
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	A31	5,327,447	07-05-1994	Mooradian	
	A32	5,331,651	07-19-1994	Becker et al.	
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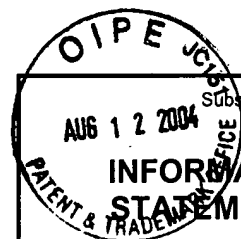
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Sheet	<b>3</b>	of	<b>5</b>	Attorney Docket Number	<b>A-68918/ENB (468880-00007)</b>

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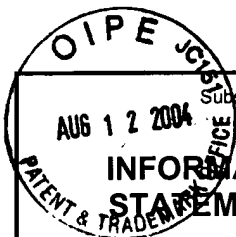
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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>6</sup>
	C1	FAVRE, F. <i>et al.</i> , "External Cavity Semiconductor Laser", <i>Electronics Letters</i> , January 17, 1991, Vol. 27, No. 2, pp. 183-184.				
	C2	MacLEOD, H.A., "Thin-Film Optical Filters, Second Edition", McGraw-Hill, 1989, pp. 244-269.				
	C3	KETELSEN, L.J.P., "Simple Technique for Measuring Cavity Loss in Semiconductor Lasers", <i>Electronic Letters</i> , August 18, 1994, Vol. 30, No. 17, pp. 1422-1424.				
	C4	MELLIS, J. <i>et al.</i> , "Miniature Packaged External-Cavity Semiconductor Laser with 50 GHz Continuous Electrical Tuning Range, <i>Electronic Letters</i> , August 4, 1988, Vol. 24, No. 16, pp. 988-989.				
	C5	SCOBAY, M., <i>et al.</i> , "Stable Ultra-Narrow Bandpass Filters", <i>SPIE</i> , Vol. 2262, pp. 37-46.				
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	C7	SIEGMAN, A.E., "LASERS", <i>University Science Books</i> , Chapter 11: Laser Mirrors and Regenerative Feedback, Section 11.5 Optical-Cavity Mode Frequencies, pp. 432-440.				
	C8	TAKAHASHI, H., "Temperature Stability of Thin-Film Narrow-Bandpass Filters Produced by Ion-Assisted Deposition", <i>Applied Optics</i> , February 1, 1995, Vol. 34, No. 4, pp. 667-675.				

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